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APPLICANT John P. Atkinson, et al.		
FILING DATE September 24, 1993	GROUP (8/2	

## U.S. PATENT DOCUMENTS

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JJ.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SERIAL NO. FORM PTO-1449 08/126,505 PATENT AND TRADEMARK OFFICE WU101 CIP MATERIAL INFORMATION STATEMENT John P. Atkinson, et al. (Use several sheets if necessary) FILING DATE GROUP 1812 September 24, 1993 OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Ballard, et al., "A Polymorphism Immun. 138:3850-3855 (1987) A Polymorphism of the Complement Regulatory Protein MCP (Membrane Cofactor Protein or gp45-70)1 J. of AR જા Ballard, et al., "Biochemical Characterization of Membrane Cofactor Protein of the Complement System," J. of Immun AS 141:3923-3929 (1988) Birmingham and Cosio, "Characterization of the Baboon Erythrocyte C3b-Binding Protein." J. of Immun. 142:3140-3144 (1989) ΑТ Birmingham, et al., "Primary Sequence of an Alternatively Spliced Form of CR1." J. of Immunol, 691 (1994) AR Bora, et al., "Structural Gene for Human Membrane Cofactor Protein (MCP) of Complement Maps to Within 100 kb of the 3' End AS of the C3b/C4b Receptor Gene," J. Exp. Med. 169:597-602 (1989) Brauer, et al., "Use of C6-Deficient Rats to Evaluate the Mechanism of Hyperacute Rejection of Discordant Cardia Xenografts," ΑТ J. of Immunol. 151:7240-7248 (1993) Capecchi, (1989) Caras, et al., "Signal for Attachment of a Phospholipid Membrane Anchor in Decay Accelerating Factor." Science 238:1280 SW (1987) Caras, I.W., et al., "Cloning of decay-accelerating factor suggests novel use of splicing to generate two proteins." Nature (1987) 325:545 Carel. et al.. "Structural Requirements for C3d.a/Epstein-Barr Virus Receptor (CR2)/CD21) Ligand Binding, Internalization and Viral Infection," J. Biol. Chem. 265:12293-12299 (1990) AR Chung, L.P. et al., "Molecular cloning and characterization of the cDNA coding for C4b-binding protein, a regulatory protein of AS the classical pathway of the human complement system," Biochem. J. 230:133 (1985) Clemenza, et al., "Generation of a Functional Domain of CR1 with Increased Ligand Binding and Cofactor Activities," ΑT MO), IMMUNEL. 1993 VOL. 30, No. 54PPL. 1, pp.4 Cole, J.L., et al., "Identification of an additional class of C3-binding membrane proteins of human peripheral blood leukocytes AR and cell lines," Proc. Natl. Acad. Sci. USA 82:859-863 (1985) Covne, et al., "Mapping of Epitopes, Glycosylation Sites, and Complement Regulatory Domains in Human Decay Accelerating AS Factor," .l. Immunology 149:2906-2913 (1992) Oykman, et al., "Polymorphism of human erythrocyte C3b/C4b receptor," Proc. Natl. Acad. Sci. USA 80:1698-1702 (1983) ΑТ DATE CONSIDERED **EXAMINER** STEPHEN WALSH \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SERIAL NO. PATENT AND TRADEMARK OFFICE WU101 CIP MATERIAL INFORMATION STATEMENT 08/126,505 APPLICANT (Use several sheets if necessary) John P. Atkinson, et al. FILING DATE GROUP September 24, 1993 1812 1014 OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Dykman, et al., "Structural Heterogeneity of the C3b/C4b Receptor (CR1) on Human Peripheral Blood Cells," J. Exp. Med. SW AR Farries, et al., "Competition for Binding Sites on C3b by CR1, CR2, MCP, Factor B and Factor H." Complement Inflamm 7:30-41 AS Fodor, et al., "A Novel Bifunctional Chimeric Complement Inhibitor That Regulates C3 Convertase and Formation of the Membrane Attack Complex," J. of Immunol. 4135-4138 (1995) ΑТ Ghebrehiwet, B., et al., "Purification and Immunochemical Characterization of Soluble Forms of the Two Types of C1Q AR Receptors," Complement and Complement Receptors Abstract 2751 (1994) Goujet-Zalc. et al.. "Marmoset Red Blood Cell Receptor for Membrane-Associated Complement Components is Not Related to AS Human CR1: Partial Characterization of the C3-Binding Proteins Responsible for the Spontaneous Rosette Formation between Marmoset Red Blood Cells and Human Leukocytes," Cell. Immun. 109:282-294 (1987) Hillarp, A., and Dahlback, B., "Cloning of cDNA coding for the 8 chain of human complement component C4b-binding protein: Sequene homology with the a chain," Proc. Natl. Acad. Sci. USA 87:1183 (1990) AT Himmelfarb. at al. "Soluble complement receptor 1 inhibits both complement and granulocyte activation during ax vivo hemodialysis," J. Lab. Clin. Med. 126:392-400 (1995) AR Hogg. N., et al., "Identification of an anti-monocyte monoclonal antibody that is specific for membrane complement receptor AS type one (CR<sub>1</sub>)," Eur. J. Immunol. 14:236-243 (1984) Holers, et al., "Human C3b- and C4b-regulator proteins; a new multi-gene family," [mmun, Today 6:188 (1985) AT Hourcade, et al., "Duplication and Divergence of the Amin-terminal Coding Region of the Complement Receptor 1 (CR1) Gene." AR J. of Biol. Chem. 265:974-980 (1990) Hourcade, D., et al., "Analysis of the Human Regulators of Complement Activation (RCA) Gene Cluster with Yeast Artificial AS Chromosomes (YACs)." Genomics 12:289-300 (1992) Hourcade and Atkinson, "The Regulators of Complement Activation (RCA) Gene Cluster," Progress in Immun. VII:171 (1989) AT Janatova, et al., "Disulfide Bonds Are Localized within the Short Consensus Repeat Units of Complement Regulatory Proteins: AR C4b-Binding Protein," Biochem. 28:4754-4761 (1989) Joyner et al., "Production of a mutation in mouse En-2 gane by homologous recombination in embryonic stem cells." Nature ΔS 338:153-156 (1989) Kalli. et al.. "Interaction of iC3b with Recombinant Isotypic and Chimeric Forms of CR2." J. Immynology 147:590-594 (1991) AT EXAMINER DATE CONSIDERED STEPHEN WA LSH 3-27-96 \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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